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Attorney Docket No. 1359.1047

## IN THE WITE STATES PATENT AND TRADEMARK OFFICE

In re f	Patent Applica	ation of:		RECEIVED
Osam	ni USHIGUSA			AUG 2 9 2001
Applic	cation No.: 09	9/866,680	Group Art Unit: 2152	Technology Center 2100
Filed:	May 30, 200	01	Examiner:	lecillology center 2100
For:	INFORMAT	TION DISTRIBUTION APPARAT	US AND INFORMATION DIS	STRIBUTION METHOD
		INFORMATION D	ISCLOSURE STATEMENT	
	tant Commiss ington, D.C.	sioner for Patents 20231	·	
Sir:				
applic	nation which to tation. It is re	nce with the duty of disclosure path the Examiner may consider mate quested that the Examiner make subject application.	erial to the examination of the	e subject U.S. patent
1.	Enclosures	accompanying this Information	Disclosure Statement are:	
	1a. ⊠ 1b. ⊠ 1c. □ 1d. ⊠	An English language copy of s PCT International Search Rep English language translation (	ort. complete or relevant portion(s	
	1e. 🛚	non-English language publicat Explanations of Relevancy of	References (ATTACHMENT	1(e), hereto) for providing a
	1f.   1g.	concise explanation of each no List of Copending Applications List of Additional Submitted Do	(ATTACHMENT 1(f), hereto	). g), hereto).
2.	☑ This Info	rmation Disclosure Statement is		
	2a. ☐ 2b. ☐ 2c. ⊠	(Check either Item 2 Within three months of the filir Prosecution Application under Within three months of the dat international application. Before the mailing of a first Of	ng date of a national application §1.53(d); te of entry of the national stag fice Action on the merits; or	ge as set forth in §1.491 in an
	2d. 🗌	Before the mailing of a first Of Examination under \$1,114	fice Action after the filing of a	Request for Continued

3.	paragraph :Allowance	mation Disclosure Statement is filed under 37 CFR §1.97(c) after the period specified in a 2 above but before the mailing date of a Final Office Action under §1.113, a Notice of a under §1.311 or an action that otherwise closes prosecution in the application, AND (Check either Item 3a or 3b; Item 3b to be checked if any reference known for more than 3 months)
	3a. 🗌 3b. 🔲	The §1.97(e) Statement in Item 5 below is applicable; OR The \$180.00 fee set forth in 37 C.F.R. §1.17(p) is:  ———————————————————————————————————
		to be charged to Deposit Account No. 19-3935.
4.	This Infor	mation Disclosure Statement is filed under 37 CFR §1.97(d) after period specified in 3 above, but on or before payment of the Issue Fee, AND
	4a.	The § 1.97(e) Statement in Item 5 below is applicable; AND The \$180.00 fee set forth in 37 C.F.R. §1.17(p) is:  enclosed.
		to be charged to Deposit Account No. 19-3935.
5.	Statemen	t under § 1.97(e) (applicable if Item 3a or Item 4 is checked) (Check either Item 5a or 5b)
	5a. 🗌	In accordance with 37 CFR §1.97(e)(1), it is stated that each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement.
	5b. 🗌	In accordance with 37 CFR §1.97(e)(2), it is stated that no item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in this Information Disclosure Statement was known by any individual designated in §1.56(c) more than three months prior to the filing of this Information Disclosure Statement.
6.	This is a	continuation/divisional/continuation-in-part application under 37 CFR §1.53(b).  (Check appropriate Items 6a and/or 6b)
	6a. 🗌	Copies of the publications listed on the attached Form PTO-1449 which were previously cited in prior application Serial No, filed on, and which is relied on for an earlier effective filing date for the subject application under 35 U.S.C. §120, have been omitted pursuant to 37 CFR §1.98(d).
	6b. 🗌	Copies of the publications listed on the attached Form PTO-1449 which were not previously cited in prior application Serial No, filed on, and which is relied on for an earlier effective filing date for the subject application under 35 U.S.C. §120, are provided herewith.
7.		continuation/divisional application under 37 CFR §1.53(d) or Request for Continued tion under 37 CFR 1.114.
		(Check either Item 7a or 7b)
	7a. 🗌 7b. 🗍	The Issue Fee has not been paid. A Petition to Withdraw from issue under 37 CFR §1.313(c) is filed concurrently herewith or has been granted. A continuation application under 37 CFR §1.53(d) or Request for Continued Examination under 37 CFR 1.114, after payment of the Issue Fee is proper in accordance with 37 CFR §1.53(d)(1)(ii) or 37 CFR 1.114(a), respectively.

Ο.		Supplemental information bisclosure Statement.
	•	(Check either Item 8a or 8b)
	8a. 🗌	This Supplemental Information Disclosure Statement under 37 CFR §1.97(f) supplements the Information Disclosure Statement filed on A bona fide attempt was made to comply with 37 CFR §1.98, but inadvertent omissions were made. These omissions have been corrected herein. Accordingly, additional time is requested so that this
	8b. 🔲	Supplemental IDS can be considered as if properly filed on This Supplemental Information Disclosure Statement is timely filed within one (1) month of the Notice under 37 CFR §1.97 and 1.98, mailed (MPEP 609 C(1), Form ¶ 6.49, Rev. 1, Feb. 2000, pp. 600-107)
9.		nce with 37 CFR §1.98, a concise explanation of what is presently understood to be the of each non-English language publication is:
		(Check appropriate Items 9a, 9b, 9c and/or 9d)
	9a. 🗌	satisfied because all non-English language publications were cited on the enclosed English language copy of the PCT International Search Report or the search report from a counterpart foreign application indicating the degree of relevance found by the foreign office. (See U.S. Patent & Trademark Office's authorization in the Federal Register, Vol. 57, No. 12, January 17, 1992, at page 2031 (Reply to Comment 68).)
	9b. ☐ 9c. ⊠	set forth in the application. satisfied because an English language translation (complete or relevant portion(s)) is attached to each non-English language publication.
	9d. 🛛	enclosed as Attachment 1(e), hereto.

- 10. No admission is made that the information cited in this Statement is, or is considered to be, material to patentability nor a representation that a search has been made (other than search report(s) from a counterpart foreign application or a PCT International Search Report, if submitted herewith). 37 CFR §§ 1.97(g) and (h).
- 11. The Commissioner is authorized to credit any overpayment or charge any additional fee required under 37 CFR §1.17 for this Information Disclosure Statement and/or Petition to Deposit Account No. 19-3935.

Respectfully submitted,

STAAS & HALSEY LLP

Dated: August 27, 2001

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Washington, D.C. 20001 Telephone: (202) 434-1500 Facsimile: (202) 434-1501 By: \_\_\_\_//

Registration No. 22,010

AUG 27 2001 25		Sheet 1 of 1
U.S. CERARIMENT OF COMMERCE	ATTORNEY DOCKET NO.	APPLICATION NO.
PATENT AND TRADEMARK OFFICE	1359.1047	09/866,680
	FIRST NAMED INVENTOR	·
CES CITED BY APPLICANT	Osami USHIGUSA	
	FILING DATE	GROUP ART UNIT

May 30, 2001

2152

U.S. PATENT DOCUMENTS

			U.S. P.	ATENT DUCUMENTS			
*EXAMINER INITIAL		DOCUMENT NO.	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
	AA	6,047,310	04/2000	Kamakura et al.			
	AB					Tech	R
	AC					echnology	EC
	AD						EN
	AE					nter	/E[
	AF					<del></del>	- 0

FOREIGN PATENT DOCUMENTS

			I OILLION	TAILIT DOCUMENTO				
		DOCUMENT				SUB-	TRANSI	
		NO.	DATE	COUNTRY	CLASS	CLASS	YES	NO
	AG	9-91358	04/1997	Japan				X
	AH	9-200254	07/1997	Japan			X	
	Al							
	AJ							
	AK							
	AL							
1	1	1	1					<u> </u>

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

AM

AN

EXAMINER	DATE CONSIDERED

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449

LIST OF REFEREN

(Use several sheets if necessary)



## EXPLANATIONS OF RELEVANCY OF REFERENCES

	ATTACHMENT 1(E)
ATTORNEY DOCKET NO.	APPLICATION NO.
1359.1047	09/866,680
FIRST NAMED INVENTOR	
Osami USHIGUSA	
FILING DATE	GROUP ART UNIT
May 30, 2001	2152

Japanese Reference AG corresponds to U.S. Reference AA.

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AUG 2 9 2001

**Technology Center 2100**